

02-08-01

A

02/07/01  
1c975 U.S. PTO

**NEW UTILITY PATENT APPLICATION  
TRANSMITTAL**

DOCKET NO.  
END919960141US2  
IEN-10-5222-D1  
TOTAL PAGES IN THIS SUBMISSION  
**3**

11003 U.S. PTO  
09/778702  
02/07/01

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**  
**Box Patent Application**  
**Washington, D.C. 20231**

Transmitted herewith for filing under 35 USC 111(a) and 37 CFR 1.53(b) is a new utility patent application for an invention entitled:

**FULL ADDITIVE PROCESS WITH FILLED PLATED THROUGH HOLES**

invented by:

**ANILKUMAR C. BHATT**  
**IRVING MEMIS**

**VOYA R. MARKOVICH**  
**WILLIAM E. WILSON**

and assigned to:

**INTERNATIONAL BUSINESS MACHINES CORPORATION**  
**Armonk, New York**

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:  
☐ Continuation      ☒ **Divisional**      ☐ Continuation -in -part (CIP)  
in prior application No.: 09/047,984

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 17 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☒ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
  - a. ☐ Formal
  - b. ☐ InformalNumber of Sheets 3

**NEW UTILITY PATENT APPLICATION  
TRANSMITTAL**

DOCKET NO.  
END919960141US2

IFN-10-5222-D1

TOTAL PAGES IN THIS SUBMISSION

3

4. ☒ Oath or Declaration
- a. ☐ Newly executed (*original or copy*) ☐ Unexecuted
- b. ☒ Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- Application Elements (Continued)
5. ☒ Incorporation by Reference (*usable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Computer Program in Microfiche (*Appendix*)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all must be included*)
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy (*identical to computer copy*)
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☐ Assignment Papers (*cover sheet & document(s)*)
9. ☐ 37 CFR 3.73(B) Statement (*when there is an assignee*)
10. ☐ English Translation Document (*if applicable*)
11. ☒ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard
14. ☒ Certificate of Mailing  
☐ First Class ☒ Express Mail (*Specify Label No.:* EL67559276US)
15. ☐ Small Entity Statement(s)  
☐ Statement filed in prior application; Status still proper and desired.
16. ☐ Additional Enclosures (*please identify below*):

**NEW UTILITY PATENT APPLICATION  
TRANSMITTAL**

DOCKET NO.  
END919960141US2  
IEN-10-5222-D1  
TOTAL PAGES IN THIS SUBMISSION  
3

**FEE CALCULATION AND TRANSMITTAL**

**CLAIMS AS FILED**

1) For	2) Number Filed	3) Number Extra	Rate	Additional Fee
TOTAL CLAIMS (37 CFR 1.16(c))	12-20=	-0-	X\$18.00	\$0.00
INDEPENDENT CLAIMS (37 CFR 1.16(c))	3 - 3 =	- 0 -	X \$80.00	\$0.00
First Pres. of Multiple Dep. Claims	= 0			\$0.00
Basic Fee	= 0			\$710.00
			TOTAL	\$710.00

- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0457  
as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$710.00 as filing fee.
- ☒ Credit any overpayment or any deficiency.
- ☒ Charge any additional filing fees required under 37 CFR 1.16 and 1.17.

Respectfully submitted,

Date: 2-7-01

By: William N. Hogg  
William N. Hogg, Reg. No. 20,156  
Driggs, Lucas, Brubaker & Hogg Co., L.P.A.  
8522 East Avenue  
Mentor, Ohio 44060  
(440) 205 3600  
Fax: 440 205 36000

WNH:cg

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)  
Applicant(s): Bhatt et al

DOCKET NO.  
END919960141US2  
IEN-10-5222-D1

Serial No.  
To be assigned

Filing Date  
Herewith

Examiner

Group Art Unit

Invention: FULL ADDITIVE PROCESS WITH FILLED PLATED THROUGH HOLES

I hereby certify that the attached Divisional Patent Application and Supporting Documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231 on \_\_\_\_\_

Feb. 7, 2001

Carole Giacomazzo

(Typed or Printed Name of Person Mailing Correspondence)

Carole Giacomazzo

(Signature of Person Mailing Correspondence)

EL675559276US

("Express Mail" Mailing Label Number)

31003 U.S. PTO

09/778702



02/07/01

09/778702

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

2/14/2001 SMINASS1 00000020 090457 09778702

1 FC:101 710.00 CH

D-1556

'87)

D: 2000-468-987/39595